

June 24, 2016 3:31:25 PM

Ship June 29

Page 1

Accept

Setup Start *NS1*

Revision ID:

Item Name: Left Hand Pilot in Command - Medium/Standard Design, Complete 212/412

Stop *NS2*

Start Date: 6/24/2016 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 6/29/2016 **Req'd Qty:** 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: SH Date: 6/24/16 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw#	Nbr	Revision Nbr
DSI9728	A	
IIN-D212-803	D	

100

Document Control

0.00

DAS
6

9-89

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy blue file and type labels per PPP D212-803-215 CHG001

DAS
27
9-89

JUN 29 2016

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

DAS
28
9-89

6
9-89

JUN 27 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Avi. Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Work Order ID 148132

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148132

Page 2

Item ID: D212-803-215 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Left Hand Pilot in Command - Medium/Standard Design, Complete 212/412
Start Date: 6/24/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 6/29/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC4- 100% Inspect kits for completeness	0.00							
120						DAS		JUN 29 2016	
QC	Memo	0.00				27			
Quality Control						9-89			
130		0.00							
130	Packaging							JUN 29 2016	
Packaging	Memo	0.00				DAS			
Packaging	Identify and pack for shipping as per PPP D212-803-215					27			
	Location: _____					9-89			
	PPP Rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

16/6/29 [Signature]

2m 16/06/29

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																										
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Page 1

Work Order ID: 148132

148132

Parent Item: D212-803-215

D212-803-215

Parent Item Name: Left Hand Pilot in Command - Medium/Standard Design, Complete 212/412

Start Date: 6/24/2016

Required Date: 6/29/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 15.07.03 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D5155-043 *D5155-043* Co-Pilot Collective Head Assembly (212)		Manufactured	No				Each	2.0000		1			DAS 28 6 9-89
	DAS 27 9-89				<u>Location</u> ST373 144951			<u>Loc Qty</u> 2 2					
D5156-5 *D5156-5* Face Plate		Manufactured	No				Each	9.0000		1			DAS 28 6 9-89
	DAS 27 9-89				<u>Location</u> ST155 145840			<u>Loc Qty</u> 9 9					
D5156-7 *D5156-7* Face Plate		Manufactured	No				Each	4.0000		1			DAS 28 6 9-89
	DAS 27 9-89				<u>Location</u> ST155 134708			<u>Loc Qty</u> 4 4					
MS171599 *MS171599* Pin		Purchased	No				Each	19.0000		1			DAS 28 6 9-89
	DAS 27 9-89				<u>Location</u> Return2015 m123183 ST315 m134573			<u>Loc Qty</u> 1 1 18 18					

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Work Order ID: 148132

148132

Parent Item: D212-803-215

D212-803-215

Parent Item Name: Left Hand Pilot in Command - Medium/Standard Design, Complete 212/412

Start Date: 6/24/2016

Required Date: 6/29/2016

Start Qty: 1.00

Required Qty: 1.00

D5055-3 Manufactured No

Each 6.0000

D5055-3

Placard

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST146

6

145260

6

Each

2.0000

**

D5055-5 Manufactured No

D5055-5

Placard

DAS
27
9-89

Location

Loc Qty

Loc Code

ST146

2

142004

2

Each

2.0000

**

D5055-7 Manufactured No

D5055-7

Placard

DAS
27
9-89

Location

Loc Qty

Loc Code

ST146

2

142005

2

Each

2.0000

**

D5055-9 Manufactured No

D5055-9

Placard

DAS
27
9-89

Location

Loc Qty

Loc Code

ST146

2

142006

2

DAS
28
9-89

DAS
28
9-89

DAS
28
9-89

DAS
28
9-89

DAS
28
9-89

DAS
28
9-89

DAS
28
9-89

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Work Order ID: 148132

148132

Parent Item: D212-803-215

D212-803-215

Parent Item Name: Left Hand Pilot in Command - Medium/Standard Design, Complete 212/412

Start Date: 6/24/2016

Required Date: 6/29/2016

Start Qty: 1.00

Required Qty: 1.00

D4411-7 Manufactured No

Each 6.0000 1

D4411-7

Placard

**

DAS 6 28 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

Return2016

1

132770

1

ST096

5

144495

5

27ET51-T Purchased No

Each 5.0000

27ET51-T

Switch

**

DAS 6 28 9-89

JUN 27 2016

Location

Loc Qty

Loc Code

ST580

5

m134512

2

m134599

3

30-037-26 Purchased No

Each 6.0000

30-037-26

Diode Assembly

**

DAS 6 28 9-89

JUN 27 2016

DAS 27 9-89

Location

Loc Qty

Loc Code

ST580

6

m134529

6

30-037-3 Purchased No

Each 1.0000

30-037-3

Diode Assembly

**

DAS 6 28 9-89

JUN 28 2016

DAS 27 9-89

Location

Loc Qty

Loc Code

ST580

1

m133270

1

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Work Order ID: 148132

148132

Parent Item: D212-803-215

D212-803-215

Parent Item Name: Left Hand Pilot in Command - Medium/Standard Design, Complete 212/412

Start Date: 6/24/2016

Required Date: 6/29/2016

Start Qty: 1.00

Required Qty: 1.00

AN961-6T NAS1149F0463P Purchased No

Each 129.0000

AN961-6T

Washer

**

3

DAS 6 28 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST321

129

123314

129

Each

1.0000

**

1

DAS 28 9-89

51MX-5-J

Purchased

No

51MX-5-J

Switch

Location

Loc Qty

Loc Code

ST583

1

m134529

1

Each

124.0000

**

21

DAS 28 9-89

M39029/31-240

Purchased

No

M39029/31-240

Pin

DAS 27 9-89

Location

Loc Qty

Loc Code

ST565

124

m134386

124

Each

127.0000

**

21

DAS 28 9-89

M39029/32-259

Purchased

No

M39029/32-259

Socket

DAS 27 9-89

Location

Loc Qty

Loc Code

ST565

127

m134386

127

Each

20.0000

**

2

DAS 6 9-89

M39029/31-228

Purchased

No

M39029/31-228

Pin

DAS 27 9-89

Location

Loc Qty

Loc Code

ST556

20

M127940

20

DAS 6 28 9-89

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Work Order ID: 148132

148132

Parent Item: D212-803-215

D212-803-215

Parent Item Name: Left Hand Pilot in Command - Medium/Standard Design, Complete 212/412

Start Date: 6/24/2016

Required Date: 6/29/2016

Start Qty: 1.00

Required Qty: 1.00

M39029/32-247

Purchased

No

Each

26.0000

**

2

M39029/32-247

Socket

DAS
28
DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST565

26

M134381

6

M134575

20

Each

167.0000

**

3

MS21042L06

Purchased

No

MS21042I 06

Nut

DAS
28
DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST303

167

m134537

17

m134962

50

m135046

100

Each

1,828.000

**

1

MS21042L3

Purchased

No

MS21042I 3

Nut

DAS
28
DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK007

600

m135056

600

FP001

32

m133790

32

GA

171

m133790

3

m134360

168

ST303

1025

m134039

12

m134634

2

m134754

211

m134943

800

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Work Order ID: 148132

148132

Parent Item: D212-803-215

D212-803-215

Parent Item Name: Left Hand Pilot in Command - Medium/Standard Design, Complete 212/412

Start Date: 6/24/2016

Required Date: 6/29/2016

Start Qty: 1.00

Required Qty: 1.00

MS21044N04

Purchased

No

Each

25.0000

2

MS21044N04

Nut

**

DAS
6 28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

Return2015

2

m125445

2

ST302

23

m132677

23

2

MS21919WDG10

Purchased

No

Each

16.0000

1

MS21919WDG10

Clamp

**

DAS
6 28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

Return2016

1

m128993

1

ST293

15

m128993

15

1

MS21919WDG19

Purchased

No

Each

4.0000

MS21919WDG19

Clamp

**

DAS
6 28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST291

4

m126741

1

m133988

3

1

MS24523-27

Purchased

No

Each

5.0000

1

MS24523-27

Switch

**

135087

DAS
6 28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST290

5

m135055

5

JUN 27 2016

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Work Order ID: 148132

148132

Parent Item: D212-803-215

D212-803-215

Parent Item Name: Left Hand Pilot in Command - Medium/Standard Design, Complete 212/412

Start Date: 6/24/2016

Required Date: 6/29/2016

Start Qty: 1.00

Required Qty: 1.00

MS24693-S7

Purchased

No

Each

74.0000

2

MS24693-S7

Screw

DAS
27
9-89

Location

Loc Qty

Loc Code

ST287

74

m129278

74

Each

195.0000

4

MS24693-24B

Purchased

No

MS24693-24B

Screw

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

154

m133790

4

m134676

150

ST288

41

m132256

41

Each

347.0000

1

MS27039-1-07

Purchased

No

MS27039-1-07

Screw

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

270

125654

270

Return2016

1

m127813

1

ST281

76

m135015

76

Each

2.0000

1

MS27212-1-3

Purchased

No

MS27212-1-3

Terminal Board

DAS
27
9-89

Location

Loc Qty

Loc Code

ST275

2

m134463

2

DAS
28
9-89
6
9-89

DAS
28
9-89
6
9-89

DAS
28
9-89
6
9-89
JUN 27 1989

DAS
28
9-89

135701

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Work Order ID: 148132

148132

Parent Item: D212-803-215

D212-803-215

Parent Item Name: Left Hand Pilot in Command - Medium/Standard Design, Complete 212/412

Start Date: 6/24/2016

Required Date: 6/29/2016

Start Qty: 1.00

Required Qty: 1.00

MS3126E16-99P Purchased No

Each 13.0000

2

MS3126F16-99P

DAS

Socket

28

9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST272

13

m134630

13

Each

2.0000

1

MS3120E16-99S

Purchased

No

MS3120F16-99S

DAS

6

9-89

Socket

DAS

28

9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST272

2

m134920

2

Each

12.0000

3

MS3373-A1

Purchased

No

MS3373-A1

DAS

28

9-89

Strip

DAS
27
9-89

Location

Loc Qty

Loc Code

ST272

12

m135055

12

Each

1,942.000

2

NAS1149D0363J

Purchased

No

NAS1149D0363.J

DAS

28

9-89

Washer

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

423

m134055

423

ST263

1519

m134676

519

m134955

1000

JUN 27 2016

DAS

28

9-89

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D212-803 REV. D AND INSTRUCTIONS
FOR CONTINUED AIRWORTHINESS ICA-D212-803 REV. 3 OR LATER APPROVED REVISION
REF. FAA STC: SR02233SE

1.0 PURPOSE

The purpose of the DSI is to amend the installation of the D4410-041/-043/-045 Co-Pilot Collective Head Assembly and the D5046-041/-043/-045 Co-Pilot Collective Head Assembly on the Collective Stick of the Bell 205/212/412 model aircraft for DXXX-803-0XX at CHG 003 and later and the DXXX-803-1XX at CHG 002 and later.

2.0 PROCEDURE

2.1 To install DXXXX-041/-043/-045 Co-Pilot Collective Head Assembly onto Collective Stick Assembly (Bell p/n 205-001-117-1 for 205, Bell p/n 212-001-117-1 for 212/412 and Bell p/n 212-001-171-001 for Eagle Single), position the Head Assembly on the Collective Stick Assembly so that it is angled away from the door and does not contact the pilot's leg. Transfer drill the mounting hole on the Collective Stick Assembly to the desired location on the neck of the DXXXX-041/-043/-045 Collective Head.

2.2 To adjust the position of the DXXXX-041/-043/-045 Collective Head Assembly, it is acceptable to remove $\frac{1}{2}$ " to $\frac{3}{4}$ " off of the neck as desired.

2.3 Wet the Collective Head Assembly with Proseal 890 or equivalent and mount using Pin (p/n MS171539 on DXXXX-041 Collective Head or p/n MS171599 on DXXXX-043/-045 Collective Head) per Figure 1. Apply Aircraft Primer to Pin.

3.0 WEIGHT AND BALANCE

Aircraft Weight and Balance are not affected by this change.

5# 148132
6/24/16

A	NEW ISSUE	VS	15.06.24
REV.	DESCRIPTION	BY	DATE
DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	HS	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9728	SHEET 1 OF 3
APPROVED	HS	TITLE	SCALE
DE APPR.		LH PIC INSTALLATION	NTS
DATE	15.06.24	COPYRIGHT © 2016 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

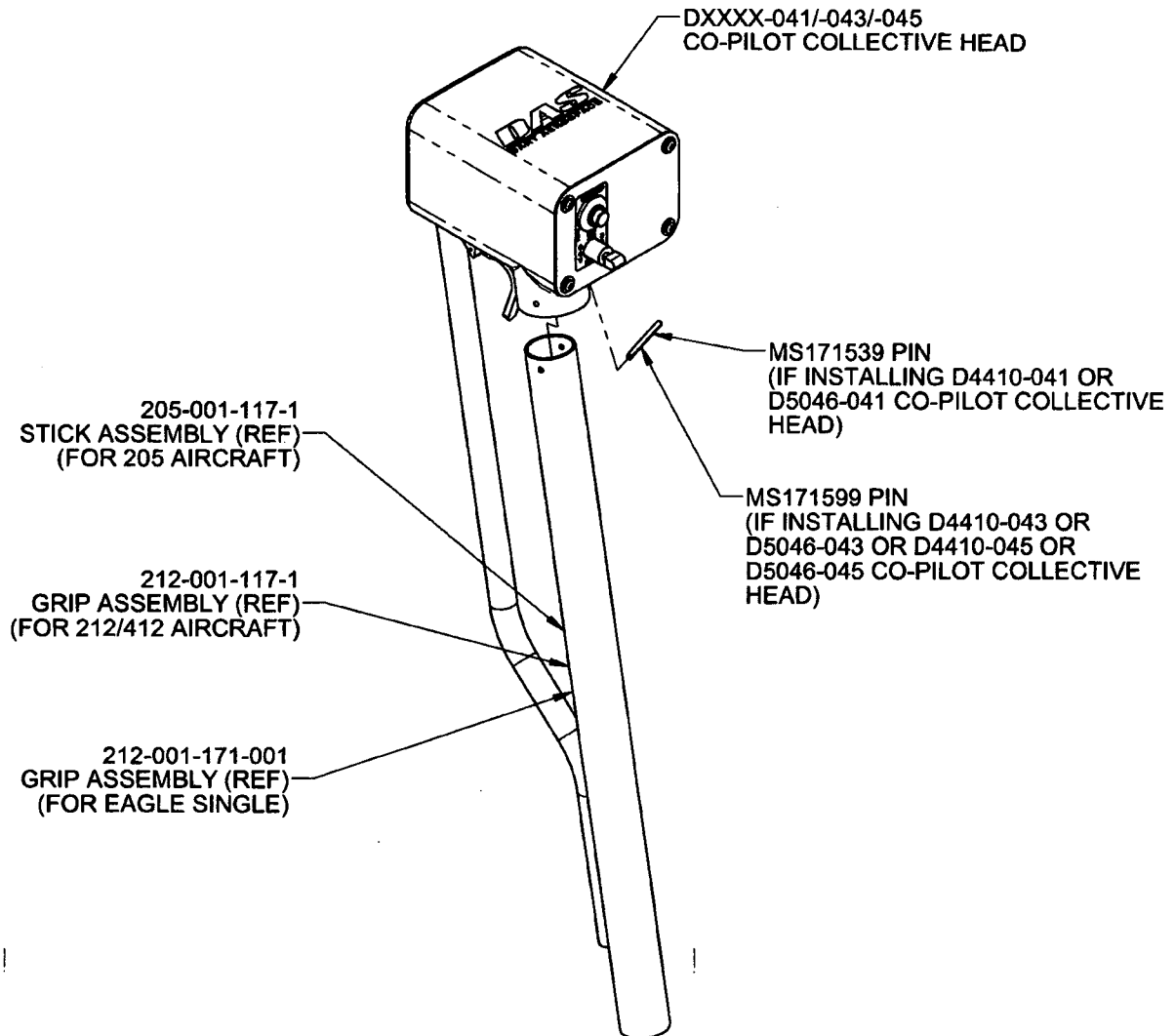


FIGURE 1 - Co-Pilot Collective Head Installation
D4410-041 SHOWN D4410-043/-045 AND D5046-041/-043/-045 SIMILAR)

DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	HS	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9728	SHEET 2 OF 3
APPROVED	HS	TITLE	SCALE
DE APPR.	HS	LH PIC INSTALLATION	NTS
DATE	15.06.24	COPYRIGHT © 2015 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

4.0 PARTS LISTS

Amend Parts Lists for the following kits per tables below.

4.1 Large Collective Head Kits

Qty -011	Qty -013	Qty -015	Qty -017	Qty -019	Part Number	Description
X					D205-803-011	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
	X				D205-803-013	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
		X			D212-803-015	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
			X		D212-803-017	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
				X	D212-803-019	LEFT HAND PILOT IN COMMAND, EAGLE SINGLE
1	1				MS171539	PIN
		1	1	1	MS171599	PIN

4.2 Small Collective Head Kits

Qty -111	Qty -113	Qty -115	Qty -117	Qty -119	Part Number	Description
X					D205-803-111	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
	X				D205-803-113	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
		X			D212-803-115	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
			X		D212-803-117	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
				X	D212-803-119	LEFT HAND PILOT IN COMMAND, EAGLE SINGLE
1	1				MS171539	PIN
		1	1	1	MS171599	PIN

4.3 Medium Collective Head Kits

Qty -211	Qty -213	Qty -215	Qty -217	Qty -219	Part Number	Description
X					D205-802-211	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
	X				D205-803-213	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
		X			D212-803-215	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
			X		D212-803-217	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
				X	D212-803-219	LEFT HAND PILOT IN COMMAND, EAGLE SINGLE
1	1				MS171539	PIN
		1	1	1	MS171599	PIN

DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	HS	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9728	SHEET 3 OF 3
APPROVED	HS	TITLE	SCALE
DE APPR.		LH PIC INSTALLATION	NTS
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REFERENCE ONLY

DART AEROSPACE USA, INC.

IIN-D212-803

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7. PARTS LIST - MEDIUM COLLECTIVE HEAD KITS

Qty -211	Qty -213	Qty -215	Qty -217	Qty -219	Qty -221	Qty -223	Part Number	Description
X							D205-803-211	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
	X						D205-803-213	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
		X					D212-803-215	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
			X				D212-803-217	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
				X			D212-803-219	LEFT HAND PILOT IN COMMAND, EAGLE SINGLE
					X		D205-803-221	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
						X	D205-803-223	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
1	1						D5155-041	CO-PILOT COLLECTIVE HEAD ASSEMBLY (205)
		1	1				D5155-043	CO-PILOT COLLECTIVE HEAD ASSEMBLY (212)
				1			D5155-045	CO-PILOT COLLECTIVE HEAD ASSEMBLY (EAGLE SINGLE)
					1	1	D5155-047	CO-PILOT COLLECTIVE HEAD ASSEMBLY (205 WITH THE 204-001-290-5 STICK AND THROTTLE ASSY INSTALLED)
1	1			1	1	1	D5156-1	FACE PLATE
1	1			1	1	1	D5156-3	FACE PLATE
		1	1				D5156-5	FACE PLATE
		1	1				D5156-7	FACE PLATE
1	1			1	1	1	D4410-9	TRIGGER
1	1			1	1	1	D5055-1	PLACARD
1	1	1	1	1	1	1	D5055-3	PLACARD
		1	1				D5055-5	PLACARD
		1	1				D5055-7	PLACARD
		1	1				D5055-9	PLACARD
1	1	1	1	1			D4411-7	PLACARD
		1					27ET51-T	SWITCH (ALT P/N 212-075-153-3)
1					1		2PB744-T2	SWITCH
		3					30-037-26	DIODE ASSEMBLY
		2					30-037-3	DIODE ASSEMBLY
1	1			1	1	1	AN565F8H9	SETSCREW
		3					AN961-6T	WASHER
		1					51MX5-5-J	SWITCH
1					1		C100E2-39	SWITCH
17		AR (21)			17		M39029/31-240	PIN
17		AR (21)			17		M39029/32-259	SOCKET
		AR (2)					M39029/31-228	PIN
		AR (2)					M39029/32-247	SOCKET
1	1			1	1	1	MS20253-1-065	PIN
		3					MS21042L06	NUT
1	1			1	1	1	MS21042L08	NUT
1	1	1	1	1	1	1	MS21042L3	NUT
		2					MS21044N04	NUT
1	1	1	1	1			MS21919WDG10	CLAMP
		1	1	1			MS21919WDG19	CLAMP
1	1						MS21919WDG20	CLAMP
		1					MS24523-27	SWITCH
		2					MS24693-S7	SCREW
4	4	4	4	4	4	4	MS24693-24B	SCREW
1	1	1	1	1	1	1	MS27039-1-07	SCREW
		1					MS27212-1-3	TERMINAL BOARD
1					1		MS3126E14-19P	PLUG
1					1		MS3120E14-19S	SOCKET
		2					MS3126E16-99P	PLUG
		1					MS3120E16-99S	SOCKET
		3					MS3373-A1	STRIP
2	2	2	2	2			NAS1149D0363J	WASHER
					2	2	MS24665-289	COTTER PIN
1	1	1	1	1	1	1	D212-803	KIT PAPERWORK

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Revision: D

Date: 14.09.18

REFERENCE ONLY

4.0 PARTS LISTS

Amend Parts Lists for the following kits per tables below.

4.1 Large Collective Head Kits

Qty -011	Qty -013	Qty -015	Qty -017	Qty -019	Part Number	Description
X					D205-803-011	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
	X				D205-803-013	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
		X			D212-803-015	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
			X		D212-803-017	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
				X	D212-803-019	LEFT HAND PILOT IN COMMAND, EAGLE SINGLE
1	1				MS171539	PIN
		1	1	1	MS171599	PIN

4.2 Small Collective Head Kits

Qty -111	Qty -113	Qty -115	Qty -117	Qty -119	Part Number	Description
X					D205-803-111	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
	X				D205-803-113	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
		X			D212-803-115	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
			X		D212-803-117	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
				X	D212-803-119	LEFT HAND PILOT IN COMMAND, EAGLE SINGLE
1	1				MS171539	PIN
		1	1	1	MS171599	PIN

4.3 Medium Collective Head Kits

Qty -211	Qty -213	Qty -215	Qty -217	Qty -219	Part Number	Description
X					D205-802-211	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
	X				D205-803-213	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
		X			D212-803-215	LEFT HAND PILOT IN COMMAND, COMPLETE KIT
			X		D212-803-217	LEFT HAND PILOT IN COMMAND, MECHANICAL ONLY
				X	D212-803-219	LEFT HAND PILOT IN COMMAND, EAGLE SINGLE
1	1				MS171539	PIN
		1	1	1	MS171599	PIN

DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	HS	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9728	SHEET 3 OF 3
APPROVED	HS	TITLE	SCALE
DE APPR.		LH PIC INSTALLATION	NTS
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Work Order ID 148132

June 24, 2016 3:31:25 PM

148132

Page 1

Item ID: D212-803-215

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Left Hand Pilot in Command - Medium/Standard Design, Complete 212/412

Start Date: 6/24/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 6/29/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: 514 Date: 6/24/16 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI9728	A								
IIN-D212-803	D	JUN 27 2016							
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy blue file and type labels per PPP D212-803-215 CHG001								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									

DAS
13
9-89

JUN 27 2016